

SUPREME

Superconducting European
Quantum Pilot Line

SUPREME: POWERING EUROPE'S QUANTUM FUTURE

SUPREME advances the industrialisation of superconducting quantum technologies by establishing scalable baseline fabrication processes – such as angle-evaporated junctions, etched junctions, 3D integration, and hybrid methods – for a wide range of European stakeholders, including start-ups, SMEs, RTOs, academic institutions, and large corporations.

A dedicated Service Office serves as the central point of contact for harmonised PDKs and pilot fabrication runs, facilitating prototyping, validation, and technology development toward industrial implementation. PDKs and pilot services are scheduled to become available in mid-2027.

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VTT

IQM

**ARCTIC
INSTRUMENTS**

QUANTWARE

SINGLE QUANTUM
Excellence in photon detection

TNO

QPHOX

TU Delft

**Walther
Meißner
Institut**

Fraunhofer

infineon

**Peak
Quantum**

**MAX PLANCK
SEMICONDUCTOR
LABORATORY**

Leibniz IPHT
LEIBNIZ INSTITUTE OF
PHOTONIC TECHNOLOGY

cea

SILENT WAVES

ALICE & BOB

AMIRIS



F3K
FONDAZIONE
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SAL
SILICON AUSTRIA LABS